

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU010921\  
 Data File : VU041873.D  
 Acq On : 07 Jan 2021 15:29  
 Operator : SY/MD  
 Sample : M1026-03  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFXK0

Quant Time: Jan 08 05:34:33 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR121220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jan 08 04:58:19 2021  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.26  | 114  | 145406   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.42  | 117  | 132127   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.81 | 152  | 57338    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.60   | 65    | 45030    | 3.96     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 79.20%  |
| 7) Chloroethane-d5             | 1.92   | 69    | 47250    | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 107.40% |
| 11) 1,1-Dichloroethene-d2      | 2.58   | 63    | 66406    | 3.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.40%  |
| 20) 2-Butanone-d5              | 4.65   | 46    | 178567   | 54.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.36% |
| 24) Chloroform-d               | 5.08   | 84    | 102143   | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.80% |
| 26) 1,2-Dichloroethane-d4      | 5.72   | 65    | 57847    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 104.80% |
| 32) Benzene-d6                 | 5.74   | 84    | 189981   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 100.40% |
| 36) 1,2-Dichloropropane-d6     | 6.70   | 67    | 66343    | 5.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 111.80% |
| 41) Toluene-d8                 | 7.90   | 98    | 151478   | 4.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.80%  |
| 43) trans-1,3-Dichloropropene- | 8.19   | 79    | 22615    | 4.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.80%  |
| 46) 2-Hexanone-d5              | 8.64   | 63    | 133039   | 45.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.26%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.75  | 84    | 56319    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 104.60% |
| 64) 1,2-Dichlorobenzene-d4     | 12.19  | 152   | 55901    | 5.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 109.60% |

## Target Compounds

|                              |      |     |        |              | Qvalue |
|------------------------------|------|-----|--------|--------------|--------|
| 2) Dichlorodifluoromethane   | 1.39 | 85  | 2719   | 0.221 ug/L   | 91     |
| 3) Chloromethane             | 1.52 | 50  | 848    | 0.071 ug/L # | 74     |
| 9) Trichlorofluoromethane    | 2.15 | 101 | 1152   | 0.069 ug/L   | 91     |
| 13) Acetone                  | 2.66 | 43  | 3944   | 1.899 ug/L   | 73     |
| 16) Methylene chloride       | 3.06 | 84  | 2485   | 0.211 ug/L   | 92     |
| 17) Methyl tert-butyl Ether  | 3.38 | 73  | 6326   | 0.240 ug/L   | 100    |
| 18) trans-1,2-Dichloroethene | 3.37 | 96  | 9113   | 0.893 ug/L   | 95     |
| 19) 1,1-Dichloroethane       | 3.89 | 63  | 2301   | 0.121 ug/L   | 91     |
| 22) cis-1,2-Dichloroethene   | 4.68 | 96  | 35520  | 3.150 ug/L   | 98     |
| 29) 1,1,1-Trichloroethane    | 5.33 | 97  | 3216   | 0.212 ug/L   | 98     |
| 34) Trichloroethene          | 6.55 | 95  | 139430 | 13.131 ug/L  | 96     |
| 47) Tetrachloroethene        | 8.56 | 164 | 15073  | 2.028 ug/L   | 99     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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